

TSMC-02-544

December 1, 2003



To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/657,503 09/08/03 |

Jaw-Jung Shin et al.

| PHASE SHIFT ASSIGNMENTS FOR
ALTERNATE PSM

INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation
In An Application.

The following Patents and/or Publications are submitted to
comply with the duty of disclosure under CFR 1.97-1.99 and
37 CFR 1.56. Copies of each document is included herewith.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as first class
mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on December 8, 2003.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

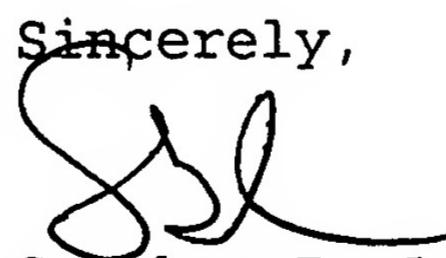
U.S. Patent 6,249,904 to Cobb, "Method and Apparatus for Submicron IC Design Using Edge Fragment Tagging to Correct Edge Placement Distortion," discloses a process to correct edge placement distortion.

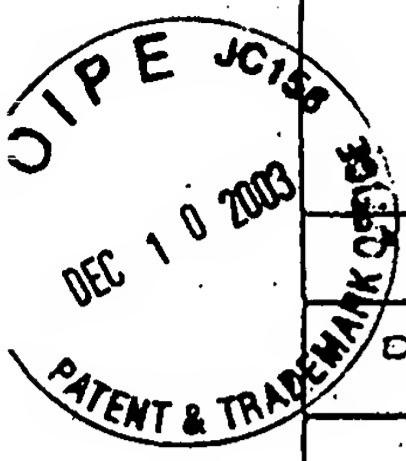
U.S. Patent 6,057,064 to Lin, "Double-Alternating Phase-Shifting Mask," describes a double alternating PSM.

U.S. Patent 6,396,158 to Travis et al., "Semiconductor Device and a Process for Designing a Mask," discloses a mask process including assist features.

U.S. Patent 6,312,856 to Lin, "Half-Tone Phase Shift Mask for Fabrication of Poly Line," reveals a PSM with assist features.

U.S. Patent 6,303,252 to Lin, "Reticle Having Assist Feature Between Semi-Dense Lines," describes a reticle having an assist feature between semi-dense lines.

Sincerely,

Stephen B. Ackerman,
Reg. No. 37761



10f. 1

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Doctor Horacio (Spain)

TSMC-02-544

Aegleman Hause

10/657,503

Acetone

Jaw-Jung Shin et al.

Filing Date

09/08/03

Group Art Unit

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Portion or Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.